POPOVSKAYA, O.M.

USSR / Cultivated Plants. Potatoes. Vegetables. Melons. M

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 34639

Author : Popovskaya, O.M.
Inst : Central Institute for Economic Forecasts
Title : A Method for Determining Conditions for Potato Growing in Central Districts of the European Territory of the USSR.

Orig Pub : Tr. Zentr. in-ta prognozov, 1957, vyp. 53, 45-57.

Abstract : Summarized are data compiled during many years by the Hydrometric Stations in the central districts of the European part of the USSR and in the Sverdlovskiy and Leningradskiy districts, in accordance with the method of potato tuber and haulm accumulation computed over 5-day and 10-day periods (mostly in connection with the

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USSR / Cultivated Plants. Potatoes. Vegetables. Melons. M

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 34689

decade accumulation of haulms and tubers is elaborated. On this basis, a method of determining the conditions of potato growth according to 10-year computations is being proposed, proceeding from the data pertaining to atmospheric temperature and soil moisture. -- G.N. Chernov.

Card 3/3

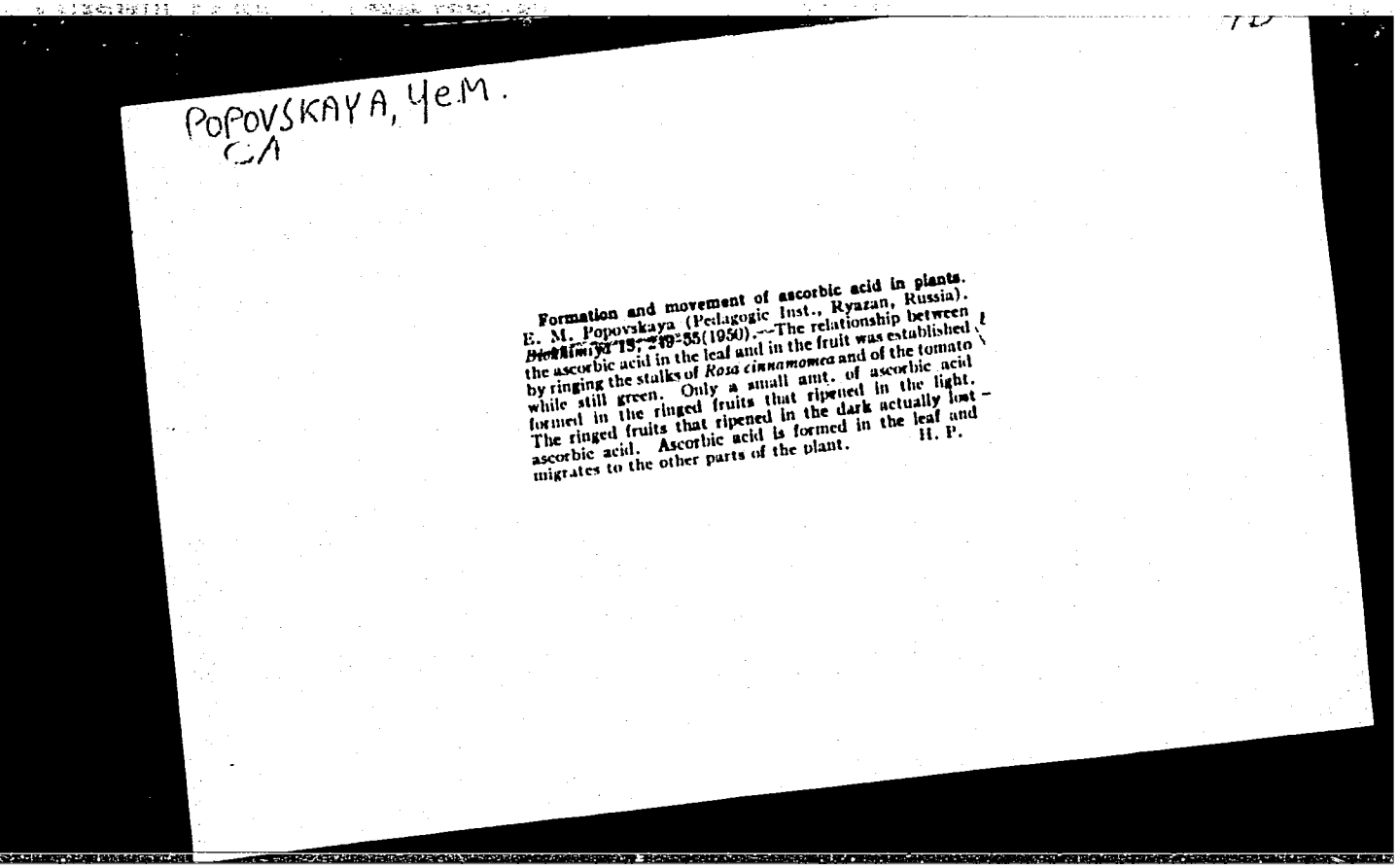
POPOVSKA, P., promovany biolog.

Research on bad smell and taste of drinking water. Vodni hosp 13 no.5:173 '63.

POPOVSKAYA, Ye. M.

Popovskaya, Ye. M. "The anatomical-physiological study of the fruits and seeds of the dog rose," Uchen. zapiski (Ryaz. gos. ped. in-t), Issue 7, 1949, p. 145-58, with tables, - Bibliog: 8 items.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).



POPOVSKAYA, Ye.M.
CA

Formation and movement of ascorbic acid in plants. E. M. Popovskaya (Pedagogic Inst., Ryazan, Russia). *Biokhimiya* 15, 249-55(1950).—The relationship between the ascorbic acid in the leaf and in the fruit was established by ringing the stalks of *Rosa cinnamomea* and of the tomato while still green. Only a small amt. of ascorbic acid formed in the ringed fruits that ripened in the light. The ringed fruits that ripened in the dark actually lost ascorbic acid. Ascorbic acid is formed in the leaf and migrates to the other parts of the plant. H. P.

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CA POPOVSKAYA, Ye.M.

Role of nitrogen and water nutrition on the formation and accumulation of ascorbic acid in tomatoes. E. M. Popovskaya (Pedagogic. Inst., Kostroma). *Biokhimiya* 17, 115-23(1952).—Large doses of N fertilizer bring about a decrease in the ascorbic acid content in the leaves and fruits. A deficiency of N causes a poor harvest. An increase of N results in a better harvest only if an adequate amt. of water is available.

H. Priestley

POPOVSKAYA, Ye.M.

Effect of phosphate nutrition and moisture conditions on the growth and accumulation of ascorbic acid in tomatoes [with summary in English]. Fiziol. rast. 4 no.4:338-344 Jl-Ag '57. (MLRA 10:9)

1. Blagoveshchenskiy pedagogicheskiy uchitel'skiy institut imeni M.I. Kalinina, Blagoveshchensk.
(Tomatoes) (Soil moisture) (Plants, Effect of phosphorus on)

POPOVKIN, Ye.M.

Interorgan nerve plexus of the preesophageal cellular tissue space in the mediastinum. Arkh. anat., gist. i embr. 48 no.6:29-36 Je '65. (MIRA 18:7)

1. Kafedra normal'noy anatomii (zav. - prof. F.A.Volynskiy) Odesskogo meditsinskogo instituta imeni Pirogova.

I.

USSR/Plant Physiology - Respiration and Metabolism.

Abs Jour : Ref Zhur - Biol., No 21, 1958, 95655

Author : Popovskaya, Ya. M.
Inst : -
Title : Influence of Phosphate Nutrition and Water Cycle on the Growth and Accumulation of Ascorbic Acid in Tomatoes.

Orig Pub : Fiziol. rastenii, 1957, 4, No 4, 338-344

Abstract : Tomatoes were raised under sandy cultivation in a mixture of Reigel's gel with additional feeding of N,P,K, in different rations during budding as well as under field conditions. P was assimilated during the entire period of vegetation, causing an acceleration in growth and development of plants. Increase in dosage of P decreased the content of N and increased the concentration of sugar and ascorbic acid. Phosphate starvation decreased the concentration of sugar and ascorbic acid, especially sharply with a water deficit (30% of full moisture capacity against 80%).

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ALTARAC-MANUSEVA, L.; POPOVSKI, D.; VILAROV, L.

Productivity of the main types of agricultural soils in Macedonia. Zemljiste biljka 12 no.1/3:7-20 Ja-D '63.

1. Agricultural Faculty of the University of Skopje, Skopje.

POPOVSKI, D.

Characteristi - of clay in leached red argils of Macedonia. Zemljiste biljka 12 no.1/3:213-219 Ja-D '63.

1. Institute of Agricultural Research of the Faculty of Agriculture and Forestry, Skopje.

POPOVSKI, D.

Some problems related to the improvement of soils of Skopsko Polo. p. 43

SOCIJALISTICKO ZEMJODELSTVO. (Drustvo na agronomi i zemjodelski tehnicari na Makedonija) Skopje, Yugoslavia. Vol. 10, no. 7/8, July/Aug. 1958

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 6
June 1959
Uncl.

POPOVSKI, DUMITAN

The soils of the Belčiško field [Yugoslavia]. Dumitar Popovski (Agr. Inst., Skopje, Yugoslavia). *Zemljište i biljka* 2, 339-61(1953).—The region is in the southern part of Yugoslavia. Granulometric analysis, clay + colloids, adsorptive complexes, pH in H_2O and in *N* KCl, $CaCO_3$, humus, total N, P_2O_5, H_2O, min. H_2O-holding capacity, true and apparent sp. wt., stability of macroaggregates, and porosity are given for samples taken from various depths.

W. J.

POPOVSKI, D.

Pedological basis of flat plateaus on the right bank of the Vardar River in Skopje Valley. p. 31

POLJOPRIVREDA, Beograd, Vol 4, No. 2, Feb., 1956

SO: East European Accessions List, Vol 5, No. 10, Oct., 1956

POPOVSKI, JOVAN.

GEOGRAPHY & GEOLOGY

POPOVSKI, JOVAN. Skopje i okolina; turistieki vodic.

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 4, April, 1959

POPOVSKI, S.
POPOVSKI, SPIRO.

Naruchnik po materiaino-tekhnichesko snabdiavane na promislenoto predpriiatie. (Plovdiv) Nauka i izkustvo (1953) 195 p. (Handbook on providing technical material for industrial enterprises. tables)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9, Sept. 1955, Uncl.

POPOVSKI, T.

POPOVSKI, T. The Makedonka cotton industry in Stip; solutions, location, disposition, and the description of the operation's premises. p. 987.

Vol. 5, No. 11, Nov. 1956.
TEHNIKA
TECHNOLOGY
Beograd, Yugoslavia

So: East European Accession, Vol. 6, No. 2, February 1957

POPOVSKIY, Aleksandr

Story of wheat "bush". Nauka i zhizn' 29 no.12:40-44 D '62. (MIRA 16:3)

(Wheat)

POPOVSKIY, Aleksandr

Work and longevity. Nauka i zhizn' 29 no.7:71-74 Jl '62. (MIRA 16:6)

(Longevity)

POPOVSKIY, Aleksandr

Academician Dmitrii Prianishnikov. Nauka i zhizn' 29 no.5:14-18 My '62. (MIRA 15:11)
(Prianishnikov, Dmitrii Nikolaevich, 1865-1948)

POPOVSKIY, Aleksandr.

Ascent toward the North. IUn.no.9:30-31 D '56. (MLRA 10:2)
(Siberia--Fruit culture)

POPOVSKIY, Aleksandr

Paradoxical research of professor Molotkovskii promises tangible gains. Nauka i zhizn' 29 no.4:54-58 Ap '62. (MIRA 15:7)
(Plant physiology)

IVANOV, S.S., kand.med.nauk, POPOVSKIY, A.A.

Acute intestinal obstruction from data of the Orel Province Hospital
Sov.med. 22 no.7:66-71 Jl '58 (MIRA 11:10)

1. Iz Orlovskoy oblastnoy bol'nitsy (glavnyy vrach M.P. Khrisanopulo).
(INTESTINES OBSTRUCTION, statist.
morbidity & mortal in Russia (Rus))

POPOVSKIY, A.A., zasluzhennyy vrach RSFSR (Orel, pl. imeni Lenina, d.7, kv.2)

Treatment of external biliary fistula. Vest.khir. 82 no.2:99-102 F '59. (MIRA 12:2)

1. Iz khirurgicheskogo otdeleniya (zav. A.A. Popovskiy) Orlovskoy oblastnoy bol'nitsy (glavnyy vrach - M.D. Khrisanopulo).
(BILIARY TRACT, fistula
external, surg. (Rus))

POPOVSKIY, A.A.

Covering of esophagogastric anastomosis with pleura in transthoracic resection of cardial cancer. Khirurgiia, Moskva no.7:68-69 July 1953. (CIML 25:4)

1. Honored Physician RSFSR. 2. Orel.

POPOVSKIY, A.A., zasluzhennyy vrach RSFSR

Extracting foreign bodies from the soft tissues of the hand. Ortop. travm.i protez. 20 no.9:70 S '59. (MIRA 13:2)

1. Iz Oblastnoy bol'nitsy g. Orla (glavnyy vrach - M.P. Khrisanopulo).

(HAND--FOREIGN BODIES)

POPOVSKIY, A. D.

37253. Tvortsy novoy biologii. (I. V. Michurin i T. D. Lysenko). V sb: Nayka i Zhizn'. M., 1949, s. 333-50

SO: Letopis' Zhurnal'nykh Statey, Vol. 7, 1949.

POPOVSKIY, ALEKSANDR DANILOVICH

POPOVSKIY, Aleksandr Danilovich; IVANOVA, G.A., otvetstvennyy red.; PROZOROVSKAYA, A.I., tekhn.red.

[Inspired seekers] Vdokhnovennye iskateli. Moskva, Gos.izd-vo detskoi lit-ry, 1957. 253 p. (MIRA 10:12)
(Parasitology)

POPOVSKIY, A.D. (Moskva)

Leon Abgarovich Orbeli. Med. sestra 21 no.1:50-53 Ja '62.
(MIRA 15:3)

(ORBELI, LEON ABGAROVICH, 1882-)

POPOVSKIY, A.A.

Injury of the vertebral artery. Khirurgiia 34 no.6:134-135 Je '58
(MIRA 11:8)

1. Iz khirurgicheskogo otdeleniya Orlovskoy oblastnoy bol'nitsy (glavnyy vrach M.P. Khrisanopulo).

(ARTERY, VERTEBRAL, wounds & injuries
case report (Rus))

POPOVSKIY, Aleksandr Danilovich, 1897-

[Laws of life] Zakony zhizni. Moskva, Sovetskiĭ pisatel', 1963. 881 p. (MIRA 16:11)
(Biologists) (Physicians--Biography)

POPOVSKIY, Aleksandr Danilovich; USIYEVICH, M.A., red.; POGOSKINA, M.V., tekhn. red.

L.A.Orbeli. Moskva, Gos. izd-vo med. lit-ry, 1961. 50 p.
(ORBELI, LEON ABGAROVICH, 1882-) (MIRA 15:5)

USSR/Electronics Jul/Aug 49
Telemechanics
Automatic Regulation

"In the Institute of Automatics and Telemechanics (Second Functioning Year of the Seminar on the Theory of Automatic Regulation)," A. M. Popovskiy, 1 p

PA 51/49T28

"Avtomat i Telemekh" Vol X, No 4

Meetings of seminar, conducted by Acad A. A. Andronov, were usually attended by 50 - 70 people. At meetings, 21 reports were submitted on the following study of the stability of linear systems with constant and variable coefficients (M. A. Ayzerman, A. A. Krasovskiy, Yu. I. Meymark, Ye. I. Chernov, etc.), study of the quality of the regulation process and approximate methods for setting up transition processes in linear and nonlinear systems and in systems with variable coefficients (A. A. Andronov, V. V. Solodovnikov, Z. Sh. Blokh, A. V. Mikheylov, Ya. Z. Tsypkin, E. G. Uderman, etc.), development of the method of frequency characteristics (V. V. Solodovnikov, E. G. Uderman) structural analysis of automatic regulation systems (M. A. Ayzerman), study of autonomous indirect regulation of several mutually dependent values (A. M. Popovskiy), and electromodeling problems (A. A. Fel'dbaum, G. L. Polisar).

POPOVSKIY, A. M.

51/49T28

USSR/Engineering - Servomechanisms Nov/Dec 49
Regulators, Automatic

"Freedom in Selecting the Parameters of Autonomous Regulation Processes of Several Interconnected Variables," A. M. Popovskiy, Inst of Automatics and Telemech, Acad Sci USSR, 23 pp

"Avtomat i Telemekh" Vol X, No 6

PA 152T20

Discusses task of synthesizing autonomous indirect-regulation systems of several interconnected quantities for class of objects for which the order of the differential equation is equal to the number of regulated quantities. Freedom in selecting parameters of

152T20

USSR/Engineering - Servomechanisms Nov/Dec 49
(Contd)

autonomous regulation processes is considered a necessary condition for the synthesis of an efficient regulation system of several interconnected quantities. Existing types of regulators are evaluated from this standpoint. Discusses autonomous regulation when using regulators by measuring deviation speeds of regulated quantities and regulators with additional reactions in respect to loads. Gives special attention to the case of using regulator with stiff feedbacks in cross switchings. Gives numerical examples. Submitted originally 24 Aug 48; resubmitted after corrections 23 Apr 49.

152T20

POPOVSKIY, A. M.

POPOVSKIY A. M.

Popovskiy A. M. Pribory avtomaticheskogo regulirovaniya i spektral'nyy analiz [Automatic Regulation Apparatus and Spectral Analysis], a collection of articles, Moscow, Oborongiz, 1953, 36 pages.

POPOVSKIY A. M.

Popovskiy A. M. Pribory teplotekhnicheskogo kontrolya i avtomaticheskiye regulyatory [Heat-Technology Control Apparatus and Automatic Regulators] Catalog, 2nd Ed., Parts 1-8, Moscow, Metallurgizdat, 1953 (USSR Ministry of Metallurgic Industry, "Energometallurgprom" Trust, Main Energetics Administration of Combined State Industry.)

Part 1: "Apparatus for Measuring Pressure, Rarefaction and Expenditure of Liquids and Gases," 1953, 83 pages with illustrations.

Part 2: "Electrical Apparatus for Measuring Non-electrical Magnitudes," 1953, 60 pages with illustrations.

Part 3: "Automatic Flow Regulators," 1953, 114 pages with illustrations.

Part 4: "Direct-action Regulators," 1953, 22 pages with illustrations.

CONTINUED

POPOVSKIY A. M.

Part 5: "Electric Regulators and Activating Mechanisms," 1953, 32 pages with illustrations.

Part 6: "Electric and Electronic Time Relays," 1953, 20 pages with illustrations.

Part 7: "Signalling Apparatus and Equipment," 1953, 22 pages with illustrations.

Part 8: "Fittings and Auxiliary Equipment," 1953, 32 pages with illustrations.

POPOVSKIY, A.M. (Moskva)

Plotting D- and D- outlines of interrelated values determined by experimentally obtained characteristics of automatic control systems. Avtom. i telem. 14 no.3:308-321 My-Je '53.

(MLRA 10:3)

(Automatic control)

POPOVSKY, A.M.

Distr: 4E2b

1487. Popovsky, A. M., Plotting the working range of systems controlling intercoupled values (in Russian), Automation of production processes, Moscow, Akad. Nauk SSSR, 1955, 54–67; *Ref. Zh. Mekh.* no. 11, 1956, Rev. 7208.

The methodology is developed of the synthesis of control systems with a number of controlled values, for a particular case the characteristics of which are determined either by a system of differential equations or by experimental data, the control parameter values are sought which insure the required values of the control characteristics: response time, static and dynamic error, coefficient of over-control. Author restricts consideration essentially to the case of only two parameters. In this case, the stability range and the range of prescribed stability are first determined by D-analysis. Author recommends for this purpose his own graphical method founded on the use of vector diagrams. The method is as equally applicable to the case of an object defined by a given system of differential equations as to the case of definition by frequency characteristics. From the resulting range of prescribed stability, the region is isolated, corresponding to the parameter values, which will insure the prescribed degree of static error and over-control. The matter is determined by direct calculation for a number of points in the region.

I. B. Chelpanov

Courtesy Referativnyi Zhurnal, USSR
Translation, courtesy Ministry of Supply, England

POPOVSKIY, A.M.

Popovsky

1460. Popovsky, A. M., On a particular solution of the problem of I. N. Voznesensky for control systems intercoupled by high-order quantities (in Russian), Trans. 2nd All-Soviet Conference on the Theory of Servomechanisms, Vol. I. Moscow/Leningrad, Akad. Nauk SSSR, 1955, 465–478; *Ref. Zh. Mekh.* no. 11, 1956, Rev. 7200.

Linked-control systems are examined in which the controlled elements are described by equations of higher than first order. In such case, completely automatic control is not obtained, but by introducing additional linkages a "discrete decoupling" of the control processes of each controlled element is obtained at specific frequencies. The control systems themselves are assumed to be ideal. The quality of control is assumed to be determined by the degree of stability of the system. The case of control systems with two intercoupled quantities is particularly examined.

E. P. Popov

Courtesy Referativnyi Zhurnal, USSR
Translation, courtesy Ministry of Supply, England

POPOVSKIY, A.M.

PHASE I BOOK EXPLOITATION 869

Avtomatizatsiya proizvodstvennykh protsessov (Automation of Production Processes) No. 2. Moscow, Izd-vo AN SSSR, 1958. 177 p. 6,000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut avtomatiki i telemekhaniki.

Resp. Ed.: Lossiyevskiy, V.L., Doctor of Technical Sciences, Professor; Ed. of Publishing House: Klimov, V.A.; Tech. Ed.: Rylina, Yu. V.

PURPOSE: This volume is intended for specialists engaged in research work and planning of automation process in various branches of industry.

COVERAGE: The volume contains articles summarizing the results of investigations carried out in laboratories for the automation of production processes of the Institut avtomatiki i telemekhaniki,

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AN SSSR (Institute for Automatics and Telemechanics of the USSR Academy of Sciences). The articles discuss the following topics: 1) basic objectives of automation 2) classification of industrial processes and formulation of typical automation solutions 3) experimental methods employed in studying industrial processes subject to regulation 4) considerations in determining the rational sequence and the extent of automation, and 5) results of studies on the automation of some industrial processes and establishments.

TABLE OF CONTENTS:

The study attempts to characterize the status of automation of production processes and to chart the more important directions for further development. There are no references.

Finkel'shteyn, S.M. Classification of Production Processes Subject to Automation and Typical Solutions of the Latter 19
The author reviews the classification of automated production processes with emphasis on continuous flows production which in terms of present instrumentation and outlook is most suitable for automation. There are 10 Soviet references.

Motulevich, D.Yu. and Tagayevskaya, A.A. Types of Controller Actions During Experimental Studies of Controlled Processes 43
Types of controller actions employed in studying industrial processes are reviewed, optimum conditions for the use of this or that controller action are indicated, shapes of curves for transition process and characteristics of stable conditions for single capacity plants are shown,

POPOVSKIY, A.M.; GRITSKOV, V.I.; GOVOROV, A.A.

Automating of the drying-absorption division in producing sulfuric acid by the contact process. Avtom. proizv. prots. no.2:97-132 '58. (MIRA 13:8)

(Sulfuric acid industry) (Automation)

POPOVSKIY, B.F., inzh.

Experience in using a continuous simplified method of erecting groups of vertical cylindrical steel tanks. Nov.v stroi.tekh. no.10:96-116 '57. (MIRA 10:12)

(Tanks) (Electric welding)

ACC NR: AM5026732 Monograph UR/

Tarasov-Agalakov, N. A.; Popovskiy, A. YU. 19

Fire extinguishing in the center of a nuclear explosion (Tusheniye pozharov v yadernom ochage porazheniya) Moscow, Izd-vo DOSAAF, 1965. 41 p. illus. 75,000 copies printed.

TOPIC TAGS: civil defense, nuclear blast effect, nuclear defensive training, fire protection

PURPOSE AND COVERAGE: This popular-type illustrated (16 sketches) booklet is intended for the general reader. The book discusses the fundamentals of Soviet civil defense fire-fighting techniques for areas struck by nuclear weapons. Some peace-time preventive fire-fighting measures are listed, and basic fire-fighting equipment is described. The booklet recommends that every Soviet citizen learn how fires are started and fought, and states that, if needed, the services of all ablebodied persons may be enlisted.

TABLE OF CONTENTS:

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ACC NR: AM5026732

2. How Fires are Started -- 10

3. Prevention of Large Conflagrations through the Action of the Population -- 11

4. How Fires Develop -- 17

5. Fire-Fighting Means -- 23

6. How Fires are Extinguished -- 37

SUB CODE: 15/3/SUBM DATE 17Sep64/ ORIG REF: 000/ OTH REF: 000/

Card 2/2

KORNIYENKO, Viktor Stepanovich, laureat Leninskoy premii inzh.; POPOVSKIY, Bogdan Vasil'yevich, laureat Leninskoy premii kand. tekhn. nauk; LIBEVICH, Georgiy Vladimirovich, inzh.; GAY, A.F., inzh., nauchn. red.

[Preparing and erecting steel reservoirs and gasholders] Izgotovlenie i montazh stal'nykh reservuarov i gazgol'derov. Moskva, Stroiizdat, 1964. 319 p. (MIRA 17:6)

POPOVSKIY, B.V.; ZIL'BERBERG, A.L.

Continuous deployed installation of tank farms. Strei.pred.neft.prom. 1 no.1:14-19 Mr '56. (MIRA 9:9)
(Petroleum--Storage) (Tanks)

POPOVSKIY, B.V., inzhener, (Moskva)

Vacum method for testing welded joints of tanks. Stroi.pred.neft. prom. 1 no.7:6-8 S '56. (MLRA 9:10)

(Tanks--Welding)

POPOVSKIY, Bogdan Vasil'yevich; VARZHITSKIY, Artur Genrikhovich; DMITRIYEVA, T.F., vedushchiy redaktor; KHLEBNIKOVA, L.A., tekhnicheskiy redaktor

[Industrial methods and production lines in building petroleum tanks] Opyt industrial'nogo i potochnogo stroitel'stva rezervuarnykh parkov. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1957. 77 p. (MLRA 10:4)

(Petroleum--Storage) (Tanks)

POPOVSKIY, B.V., inzh. (Moskva)

Complete the factory production of elements for tank construction.
Stroi.pred.neft.prom. 2 no.8:6-11 Ag '57. (MIRA 11:1)
(Tanks)

POPOVSKIY, B. V., IGNATCHENKO, E. A., RAYEVSKIY, G. V. (SECT VI VIII)

"Industrial Methods of Building Oil Tanks in the Soviet Union."

Report submitted at the Fifth World Petroleum Congress, 30 May - 5 June 1959. New York.

(A) L 65138-65 EWT(m)/EWP(t)/EWP(k)/EWP(b)/EWA(c) JD/HW

ACCESSION NR: AP5021639 UR/0286/65/000/013/0125/0125

AUTHORS: Balitskiy, V. M.; Rayevskiy, G. V.; Popovskiy, B. V. 21 B

TITLE: A method for producing enclosed hollow structures, such as pontoons. Class 81, No. 172682

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 13, 1965, 125

TOPIC TAGS: pontoon, sheet metal, fabricated structural metal, construction material

ABSTRACT: This Author Certificate presents a method for producing enclosed hollow structures, such as pontoons, from bands connected to one another along the rims and rolled into a scroll. This material is expanded by internal pressure of water or air at the site of construction. To increase the rigidity and maintain the desired dimensions, at the site of construction the scroll is unrolled into a sheet, which is then fixed to a rigid framework and expanded by internal pressure produced by either water or air.

ASSOCIATION: none

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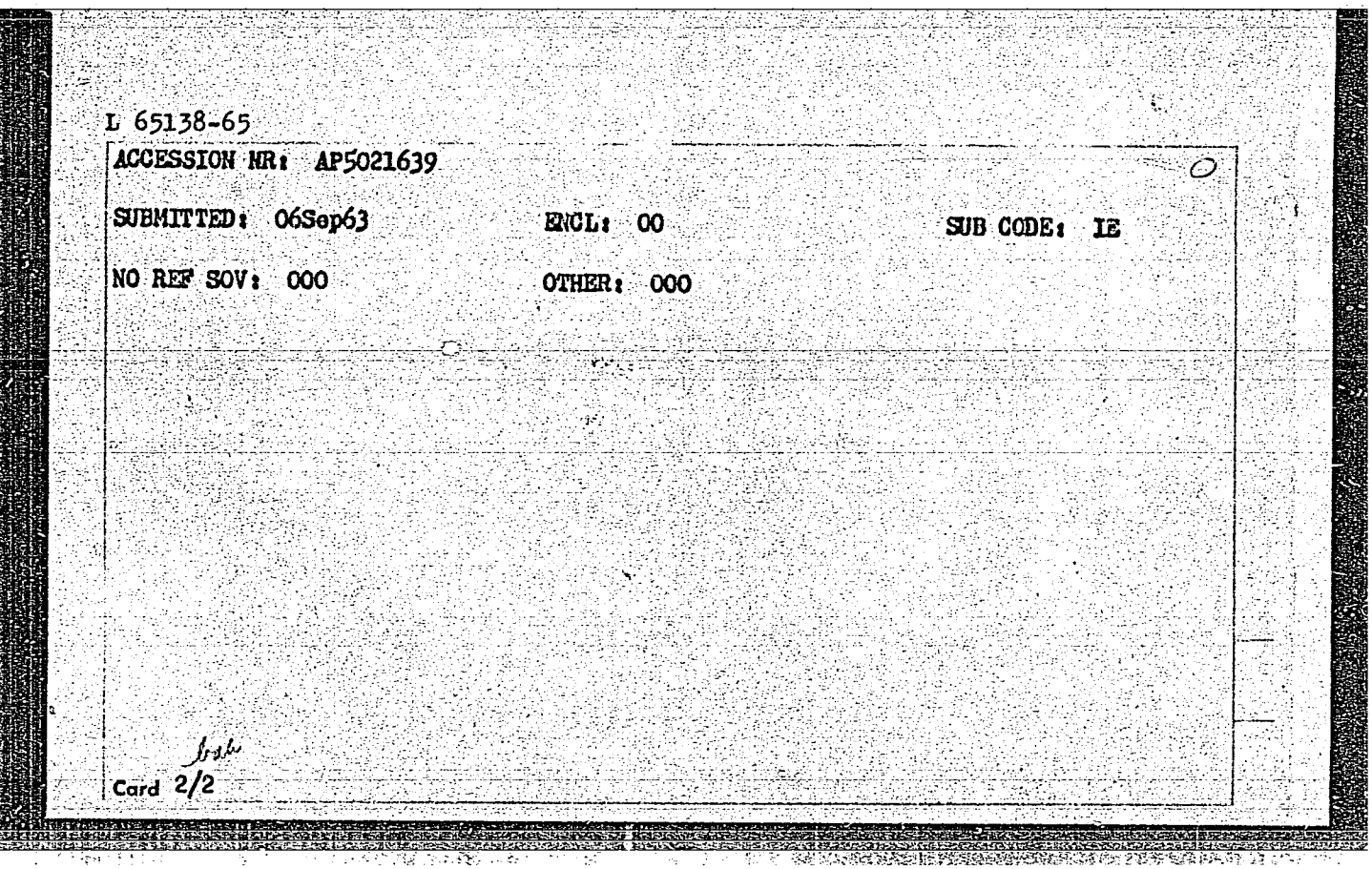

L 65138-65

ACCESSION NR: AP5021639

SUBMITTED: 06Sep63 ENCL: 00 SUB CODE: IE

NO REF SOV: 000 OTHER: 000

Card 2/2

POPOVSKIY, B.V., kand.tekhn.nauk; LINEVICH, G.V., inzh.; KUROCHKIN, M.F., inzh.

Construction of large gas holders out of rolls of steel. Mont. i spets.rab. v stroi. 24 no.10:4-8 '62. (MIRA 15:10)

1. Nauchno-issledovatel'skiy institut stroitel'noy promyshlennosti. (Gasholders) (Steel, Structural)

POPOVSKIY, B.V., kand.tekhn.nauk; BARDAKOV, V.F.; LINEVICH, G.V., inzh.

Assembly of tanks with a capacity of 10,000 m.^{3} out of rolled stock. Mont. i spets. rab. v stroi. 24 no.4:2-5 Ap '62. (MIRA 15:7)

1. Nauchno-issledovatel'skiy institut stroitel'noy promyshlennosti i trest No.7 Glavneftemontazha.
(Tanks)

POPOVSKIY, B.V., kand.tekhn.nauk, laureat Leninskoy premii

Factory assembly of elements of structures made of sheet material. Mekh. stroi. 19 no.10:8-10 O '62. (MIRA 15:12)
(Plates, Iron and steel)

POPOVSKIY, B.V., kand.tekhn.nauk

Study of welding thick-walled pipes by a friction method. Mont. i spets. rab. v. stroi. 24 no.3:8-11 Mr '62 (MIRA 15:6)

1. Nauchno-issledovatel'skiy institut stroitel'noy promyshlennosti.
(Pipe, Steel--Welding)

POPOVSKIY, B.V., kand.tekhn.nauk, laureat Leninskoy premii; ROZENSHTEYN, I.M., inzh.; BALITSKIY, V.M., inzh.

Construction of tanks using thickened rolled panels. Mont. i spets. rab. v stroi. 23 no.9:12-16 S '61. (MIRA 14:9)

1. Nauchno-issledovatel'skiy institut stroitel'noy promyshlennosti i Institut elektrosvarki imeni Ye.O.Patona.
(Tanks)

NAUMOV, V.G.; ORLOV, V.M.; POPOVSKIY, B.V., kand. tekhn. nauk, nauchnyy red.; YERSHOV, P.R., inzh., red. izd-va; SHERSTNEVA, N.V., tekhn. red.

[Manufacture and installation of industrial piping] Izgotovlenie i montazh tekhnologicheskikh truboprovodov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 274 p. (MIRA 14:8)

(Pipe)

POPOVSKIY, B.V., kand.tekhn.nauk, laureat Leninskoy premii

Expand the use of industrial methods in rolling welded sheet construction elements. Mont. i spets.rab.v stroi. 22 no.11:7-11 N'60. (MIRA 13:10)

1. Nauchno-issledovatel'skiy institut stroitel'noy promyshlennosti.
(Tanks) (Sheet steel)

POPOVSKIY, B. V., Cand Tech Sci -- (diss) "Industrial Technology and Continuous Operation in the Construction of Welded Vertical Cylindrical ~~Reservoirs~~ Tanks." Kiev, 1957. 17 pp (Min of Higher Education Ukr SSR, Kiev Engineering-Construction Inst), 100 copies. ~~(KL, 48-57, 107)~~ List of author's works at ~~the~~ end of ~~the~~ book (12 titles) (KL, 48-57, 107)

POPOVSKIY, G.M.

"Handbook for the district doctor." Reviewed by G.M.Popovskii.
Sov. zdrav. 21 no.6:91-92 '62, (MIRA 15:5)
(MEDICINE—HANDBOOKS, MANUALS, ETC.)

POPOWSKIY, I.

36256

Sushka Emalirovannykh Bochek. Moloch. Prom-st', 1949, No. 11, s. 45-46

SO: Letopis' Zhurnal'nykh Statey, No. 49, 1949

POPOVSKIY, I.Ye., inzhener.

Reconditioning of large-size machine parts. Vest.mash. 37 no.10:70-71 O '57. (MIRA 10:11)
(Chromium plating)

POPOVSKI, JOVAN.

Skopje i okolina; turistieki vodic.

Izd. Turistickog saveza sreza Skopje i Turisticke stampe 106 p. 1958

CU Not in DLC

GEOGRAPHY & GEOLOGY

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4
April 1959, Uncl.

POPOVSKIY, Mark

On the threshhold of science. Znan.sila 33 no.11:10-12 N '58.
(MIRA 11:12)

(Science)

AUTHOR: Popovskiy, Mark SOV/4-59-1-25/42

TITLE: An Artificial Kidney (Iskusstvennaya pochka)

PERIODICAL: Znaniye - sila, 1959, Nr 1, pp 34 - 35 (USSR)

ABSTRACT: The author explains the principals on which the artificial kidney of the Dutch doctor V. Kolff, which was subsequently improved by the Swede N. Alwall and the American D. Merrill, is working, and describes an artificial kidney shown to him by Doctor Gorbovitzkiy and Engineer Kozlov. Fourteen small frames of colorless plexiglass covered with a cellophane film are placed on each other and become a compact semitransparent cube. It is like a 13-story house along the floors of which the patient's blood will flow. Parallel with the blood, the washing fluid will pass. The blood flows on the film in a thin course so that every drop could touch the cellophane and give away the accumulated poison to the surrounding solution. The apparatus can not only withdraw slag from the blood but also squeeze out unnecessary water (necessary in some cases). The kidney can also introduce into the blood required substances. If the sick person

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17(8) SOV/25-59-4-6/44

AUTHOR: Popovskiy, Mark

TITLE: Healing Steel (Tselitel'naya stal')

PERIODICAL: Nauka i zhizn', 1959, Nr 4, pp 17-21 and p 2 of centerfold (USSR)

ABSTRACT: In a popular style, the author describes in detail the development of a vascular suture device, built jointly by Soviet engineers and physicians. In October 1957, this device was presented and explained to participants of the International Congress on Cardio-Vascular Diseases in Atlantic City by the Moscow Professor Pavel Androsov. There are 8 sketches and 1 colored illustration.

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POPOVSKIY, Mark

Man and his work area. Sots. trud no. 7:114-120 Jl '58.
(MIRA 11:8)
(Industrial safety)

AUTHOR: Popovskiy, Mark SOV-4-58-9-16/34

TITLE: A Cow With a Hundred Tongues (Korova so...100 yazykami)

PERIODICAL: Znaniye-sila, 1958, Nr 9, page 19 (USSR)

ABSTRACT: Quite recently the well-known Soviet surgeon V. Demidov carried out an unusual operation, connecting the tongues of freshly-killed cows with the jugular arteries and veins of a live cow. Seven hours after the tongues had been removed from the carcasses, life returned to the organs, the blood-vessels started again to pulsate, the muscles began to pull, the tissue became warm. The reason for the procedure was to breed on the tongues live virus of the foot-and-mouth disease for vaccination purposes. The originator of this new vaccine breeding method was Fedor Samoylovich Shulyak, a young scientific worker, who was supported by L. Ratner, scientific director of the Laboratoriya yashchura (Laboratory of the Food-and-Mouth Disease). A.A. Boyko, Head of the Glavnoye upravleniye veterinarii Ministerstva sel'skogo khozyaystva SSSR (Main Veterinary Medicine Administration of the USSR Ministry of Agriculture) expresses

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his hope that the new valuable method will be widely applied in the USSR. There are 2 illustrations.

1. Animals--Physiology 2. Viruses--Culture

4-58-6-23/37

AUTHOR: Popovskiy, Mark

TITLE: A Second Sugar Revolution (Vtoraya sakharnaya ...)

PERIODICAL: Znaniye - sila, 1958, Nr 6, pp 31-33 (USSR)

ABSTRACT: In March 1957, the "Gosudarstvennyy Reyestr" Komiteta po delam izobreteniy i otkrytiy pri Sovete Ministrov SSSR (State Register of Inventions and Discoveries attached to the USSR Council of Ministers) noted under Nr 5,893 the discovery of a new one-seeded sugar-beet. The author went to Novaya Tserkov' at the Belotserdovskaya opytno-selektsionnaya sveklovodcheskaya stantsiya (the Belaya Tserkov' Experimental Selection Center of Sugar-Beet Raising) to see one of the new kind. Among others, Mariya Grigor'yevna Bordonos, Candidate of Biological Sciences and the selectionist, Aleksandr Vasil'yevich Popov, cooperated in raising the one-seeded sugar-beet. The former director of the Kiyevskiy sakharnyy institut (Kiyev Sugar Institute) Savitskiy is said to have fled with the retreating German army and brought stolen one-seeded fruits to the USA, where they appeared almost simultaneously in 1956. In 1957, one-seeded sugar-beet fields occupied 4,000 ha, but in 1960, there will be 500,000 ha.
There are 5 drawings.

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A Second Sugar Revolution

4-58-6-23/37

1. Sugar beets--Seeds

Card 2/2

POPOVSKIY, M.

Popovskiy, M. "The regulators of life", (On the role of the Russian biochemists A. N. Bakh and A. I. Oparin in the development of enzymology), Illustrated by n. Smol'yanivov, Znaniye -- sila, 1949, No. 4, p. 10-16, with portrait.

SO: U-4631, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 24, 1949).

POPOVSKIY, M.

Popovskiy, M. - "An emigmatic mineral", (Volchonskoite), Vokrug sveta, 1949, No. 5, p. 55-57.

SO: U-4631, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 24, 1949).

POPOVSKIY, M.

32406. Popovskiy, M. Velikoye otkrytiye Afanasiya Kaverzneva. (Rus. uchenyy XVIII v., otkryvshiy yestestvennyy zakon razvitiya zhivoy prirody). Ill. N. Smol'yaninov. Znaniye --- sila, 1949, No. 9, S. 14-17.

SO: Letopis' Zhurnal'nykh Statey, Vol. 44

POPOVSKIY, M .

RT-1056 (A new blood substitute developed in the USSR) Abridged from: Zamenitel' krovi.
Nauka I Zhizn' 18(6): 34-36, 1951.

1. POPOVSKIY, M.
2. USSR (600)
4. Life(Biology)
7. Life triumphs. Znan.sila no. 10 1952

9. Monthly List of Russain Accessions, Library of Congress, February 1953. Unclassified.

POPOVSKIY, Mark; IVANOVSKIY, V.D.

Professor IAnkovskii's experiments. Znan.sila no.10:22-24 O '53. (MLRA 6:10)
(Resuscitation)

POPOVSKIY, M.

Women As Physicians

Recognized authority. Rabotnitsa 31 No. 3, 1953

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

POPOVSKIY, M. A. and YEGOROV, N. S.

USSR review of I. G. Shiller's book on Directed Antagonism of Microbes (Napravlennyy Antagonism Mikrobov), Priroda, Vol 42, No 5, pp 120-122, 1953

POPOVSKIY, Mark.

Golden bottom. (Carp) Znan.sila no.5:3-5 My '54. (MLRA 7:6)

POPOVSKIY, Mark.

Domesticated fungus. Znan. sila no.7:8-10 Jl '54. (MLRA 7:7)
(Fungi)

POPOVSKIY, Mark.

Bees beyond the polar circle. Znan. sila no.12:14-16 D '54.
(Arctic regions--Bees) (MLRA 8:1)

Name : POPOVSKIY, M.

Remarks: Popovskiy, a professional writer, is one of the authors of the articles appearing in "Flight to the Moon", Moskva, 1955, portraying a fictitious flight to the moon.

Source : M: Polet na Lunu (Flight to the Moon), by various authors, Moskva, 1955

POPOVSKIY, Mark

Artificial kidney. Znan.sila 34 no.1:34-35 Ja '59.
(MIRA 12:2)
(ARTIFICIAL KIDNEY)

POPOVSKIY, Mark.

From handicraft to science. Znan.sila no.1:1-5 Ja'55.
(Shoe industry) (MLRA 8:3)

POPOVSKIY, MARK

POPOVSKIY, Mark

Road to the heart. Znan.sila 30 no.7:20-24 Jl'55. (MIRA 8:10)
(Heart)

POPOVSKIY, Mark

Light in the windows. Zdorov'e 2 no.10:18-20 O '56. (MLRA 9:11)
(NOVGORODKA--PUBLIC HEALTH, RURAL)

POPOVSKIY, Mark.

The achievements of a Russian physician. Znan.sila 31 no.2:49-51 F '56. (MLRA 9:5)
(Khavkin, Vladimir Aaronovich, 1860-1930)

POPOVSKIY, M.

Here a forest will grow. Znan.sila 31 no.10:3-6 O '56. (MLRA 9:11)
(Ukraine--Afforestation)

POPOVSKIY, Mark.

Medicines of the future. Znan.sila 31 no.11:24-27 N '56.
(Pharmacology) (MLRA 9:12)

POPOVSKIY, Mark

The history of a heroic deed. Zdorov'e 3 no.1:26 Ja '57. (MIRA 10:2)
(KHAVKIN, VLADIMIR, 1860-1930)

POPOVSKIY, Mark

Physician, partisan, and scientist. Zdorov'e 3 no.11:18-20 N '57.
(MIRA 10:12)
(SHADURSKII, KONSTANTIN STANISLAVOVICH, 1913-)

POPOVSKIY, Mark

Creator of a new science. Zdorov'e 3 no.12:6-8 D '57. (MIRA 11:1)
(SKRIABIN, KONSTANTIN IVANOVICH, 1878-)

POPOVSKIY, M.

4-9-8/25

AUTHOR: Popovskiy, Mark

TITLE: Secrets of Youth and Aging (Tayny molodosti i stareniya)

PERIODICAL: Znaniye - Sila, 1957, # 9, pp 18-19 (USSR)

ABSTRACT: The article deals with the work performed by the Khar'kov Institute of Biology. The present Director Vladimir Nikolayevich Nikitin associate member of the USSR Academy of Sciences, successor to Professor A. Nagornyy, associate member of the USSR Academy of Sciences, pointed out that the Khar'kov Institute is developing a method of scientific cooperation between physiology and biochemistry. The laboratories contain as well physiological as biochemical apparatus. The pupils of A. Nagornyy are studying the organism in general and metabolism in particular.

For research work the Institute keeps 2,000 rats of different age. The Soviet scientists are using a method, discovered by the American scientist Mac Kay (Mak-Key), who found that if rats are getting less food, this retards their growth radically, but doubles the duration of their lives. The Institute scientists did not only repeat these experiments, but improved the method considerably. Supervised by Professor Nikitin, the scientists study the tissues and cells of underfed animals and the inner biochemical changes evoked by hunger.

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